

11-27-1998

Ref. No.: P07 41794

F-1M PTO-1595 (Modified)
(Rev. 6-93)
OIMB No. 0651-0011 (exp. 4/94)
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Tab settings

11-13-98



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Winston

Additional names(s) of conveying party(ies)

 Yes No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: January 23, 1998

2. Name and address of receiving party(ies):

Name: Imperial College of Science, Technology & MedicineAddress: Exhibition Road

jc525 U.S. PRO
09/191920
11/13/98

City: South Kensington State/Prov.: LondonCountry: United Kingdom ZIP: _____

Additional name(s) & address(es)

 Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: November 13, 1998

Patent Application No.

Filing date

B. Patent No.(s)

11-13-98 00000068 09191920
11-13-98 00000068 09191920

40.00 OP

Additional numbers

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward G. PoplawskiRegistration No. 33,439Address: Pretty, Schroeder & Poplawski444 South Flower Street - 19th FloorCity: Los AngelesState/Prov.: CACountry: U.S.AZIP: 90071-29096. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

8. Deposit account number:

16-2460

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nisan A. Steinberg, Ph.D., Reg. No. 40,345

Name of Person Signing

Signature

November 13, 1998

Total number of pages including cover sheet, attachments, and

4

Date

11-27-1998

ket No.: P07 41794

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Carol W. Readhead

Additional names(s) of conveying party(ies)

 Yes No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: January 8, 1998

2. Name and address of receiving party(ies):

Name: Cedar-Sinai Medical CenterAddress: 8700 Beverly Boulevard

jc525 U.S. PTO
09/19920
11/13/98

City: Los Angeles State/Prov.: CACountry: U.S.A. ZIP: 90048

Additional name(s) & address(es)

 Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: November 13, 1998

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward G. PoplawskiRegistration No. 33,439Address: Pretty, Schroeder & Poplawski444 South Flower Street - 19th FloorCity: Los AngelesState/Prov.: CACountry: U.S.A.ZIP: 90071-29096. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

8. Deposit account number:

16-2460

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nisan A. Steinberg, Ph.D., Reg. No. 40,345

Name of Person Signing

Signature

November 13, 1998

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Date

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

MARCH 15, 1999

PTAS

PRETTY, SCHROEDER & POPLAWSKI
EDWARD G. POPLAWSKI
444 SOUTH FLOWER STREET - 19TH FLOOR
LOS ANGELES, CA 90071-2909



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UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 11/13/1998

REEL/FRAME: 9599/0632
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WINSTON, ROBERT

DOC DATE: 01/23/1998

ASSIGNEE:
IMPERIAL COLLEGE OF SCIENCE,
TECHNOLOGY & MEDICINE
EXHIBITION ROAD
SOUTH KENSINGTON, LONDON
UNITED
KINGDOM

SERIAL NUMBER: 09191920
PATENT NUMBER:

FILING DATE: 11/13/1998
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

A S S I G N M E N T

WHEREAS, Carol W. Readhead, of Pasadena, California, Assignor, has invented a new and useful **TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM CELLS FOR GENERATION OF TRANSGENIC SPECIES & GENETIC THERAPIES**, for which an application for United States Letters Patent was executed by her on or about the same date as this Assignment; and

WHEREAS, Assignor believes herself to be the original, first and joint inventor along with Robert Winston of London, United Kingdom and Outi Hovatta of FIN-02230 Espoo, Finland, of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, Cedars-Sinai Medical Center, a non-profit, public benefit corporation, having a place of business at 8700 Beverly Boulevard, Los Angeles, California 90048, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, she and her legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignor represents and warrants that she has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue

400543655 - 1112091

application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignor further authorizes and requests insertion below of the serial number and filing date of the application, when officially known:

Serial No. 09/191,920 Filing Date Nov. 13, 1998
IN WITNESS WHEREOF, Assignor has executed this Assignment.

Assignor

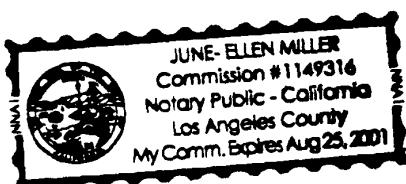
Date: 1/8/98

Carol W. Readhead
Carol W. Readhead

State of California)
County of Los Angeles) ss.

1998 On this 8th day of January, in the year of 1997, before me personally appeared Carol W. READHEAD, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.



June-Ellen Miller
Notary Public in and for Said
County and State

jhh/VA/CEDAR/37406/asn.003

A S S I G N M E N T

WHEREAS, Robert Winston, of London, United Kingdom, Assignor, has invented a new and useful **TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM CELLS FOR GENERATION OF TRANSGENIC SPECIES & GENETIC THERAPIES**, for which an application for United States Letters Patent was executed by him on or about the same date as this Assignment; and

WHEREAS, Assignor believes himself to be the original, first and joint inventor along with Carol W. Readhead of Pasadena, California, and Outi Hovatta of FIN-02230 Espoo, Finland of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, Imperial College of Science, Technology and Medicine, having a place of business at Exhibition Rd., South Kensington, London, United Kingdom, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue

Exhibit



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ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

MARCH 15, 1999

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PRETTY, SCHROEDER & POPLAWSKI
EDWARD G. POPLAWSKI
444 SOUTH FLOWER STREET - 19TH FLOOR
LOS ANGELES, CA 90071-2909



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RECORDATION DATE: 11/13/1998

REEL/FRAME: 9599/0661

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

READHEAD, CAROL W.

DOC DATE: 01/08/1998

ASSIGNEE:

CEDAR-SINAI MEDICAL CENTER
8700 BEVERLY BOULEVARD
LOS ANGELES, CALIFORNIA 90048

SERIAL NUMBER: 09191920

FILING DATE: 11/13/1998

PATENT NUMBER:

ISSUE DATE:

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
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application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignor further authorizes and requests insertion below of the serial number and filing date of the application, when officially known:

Serial No. 09/191,920 Filing Date Nov. 13, 1998
IN WITNESS WHEREOF, Assignor has executed this Assignment.

Assignor

Robert Winston

Date: 23rd January 1998

Robert Winston

Country

State of

County of England) ss.
Greater London)

On this 23rd day of January, in the year of 1998, before me personally appeared Robert WINSTON, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Susan Davis

Notary Public in and for Said
County and State

1080.

MY COMMISSION EXPIRES
AT DEATH.

jhh/VA/CEDAR/37406/asn.001